

ABSTRACT

A method and apparatus are disclosed for compensating for a frequency offset between an ingress local area network and an egress local area network that communicate over a transport network. The bandwidth of an egress port is adjusted by varying an inter-packet gap size between each packet so that the packets can be delivered without overflowing an egress buffer. The size of the inter-packet gap is reduced when the frequency of the ingress local area network is greater than the frequency of the egress local area network. The size of the inter-packet gap is increased when the frequency of the ingress local area network is less than the frequency of the egress local area network. The size of the egress inter-packet gap may be statically or dynamically adjusted to compensate for a frequency offset.

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